Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080916\
Data File : BE092237.D
Acq On : 9 Aug 2016 20:38
Operator : UM/SJ
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.8

Quant Time: Aug 10 04:44:00 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 10 04:43:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	11454	5.00	ng		0.00
7) Naphthalene-d8	10.97	136	54621	5.00	ng		0.00
12) Acenaphthene-d10	14.83	164	31078	5.00	ng		0.00
18) Phenanthrene-d10	17.56	188	74791	5.00	ng		0.00
24) Chrysene-d12	21.73	240	67845	5.00	ng		-0.02
31) Perylene-d12	24.13	264	70060	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.70	112	1851	0.74	ng		0.00
5) Phenol-d6	7.34	99	2622	0.73	ng		-0.02
8) Nitrobenzene-d5	9.34	82	2826	0.73	ng		-0.02
13) 2,4,6-Tribromophenol	16.33	330	635	0.68	ng		0.00
14) 2-Fluorobiphenyl	13.46	172	7548	0.79	ng		-0.01
26) Terphenyl-d14	20.19	244	8664	0.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	1112	0.76	ng		95
3) n-Nitrosodimethylamine	3.80	42	1435	0.81	ng	#	99
6) bis(2-Chloroethyl)ether	7.59	93	2435	0.83	ng		93
9) Naphthalene	11.01	128	9618	0.79	ng	#	94
10) Hexachlorobutadiene	11.32	225	1367	0.77	ng		98
11) 2-Methylnaphthalene	12.65	142	6078	0.79	ng		97
15) Acenaphthylene	14.54	152	42055	0.78	ng		99
16) Acenaphthene	14.90	154	6636	0.77	ng		98
17) Fluorene	15.88	166	8221	0.79	ng		99
19) Hexachlorobenzene	16.89	284	2258	0.76	ng	#	100
20) Pentachlorophenol	17.24	266	511	0.65	ng		85
21) Phenanthrene	17.60	178	14471	0.75	ng		99
22) Anthracene	17.70	178	13361	0.76	ng		99
23) Fluoranthene	19.63	202	57977	0.75	ng		99
25) Pyrene	19.99	202	63047	0.79	ng		100
27) Benzo(a)anthracene	21.70	228	63214	0.78	ng	#	64
28) Chrysene	21.70	228	63211	0.84	ng	#	71
29) Bis(2-ethylhexyl)phthalate	21.64	149	6802	0.65	ng	#	98
30) Indeno(1,2,3-cd)pyrene	26.63	276	62075	0.77	ng		100
32) Benzo(b)fluoranthene	23.39	252	14212	0.77	ng		97
33) Benzo(k)fluoranthene	23.44	252	14879	0.78	ng		95
34) Benzo(a)pyrene	24.02	252	13451	0.78	ng		95
35) Dibenzo(a,h)anthracene	26.65	278	12547	0.78	ng		97
36) Benzo(g,h,i)perylene	27.40	276	53720	0.77	ng		97

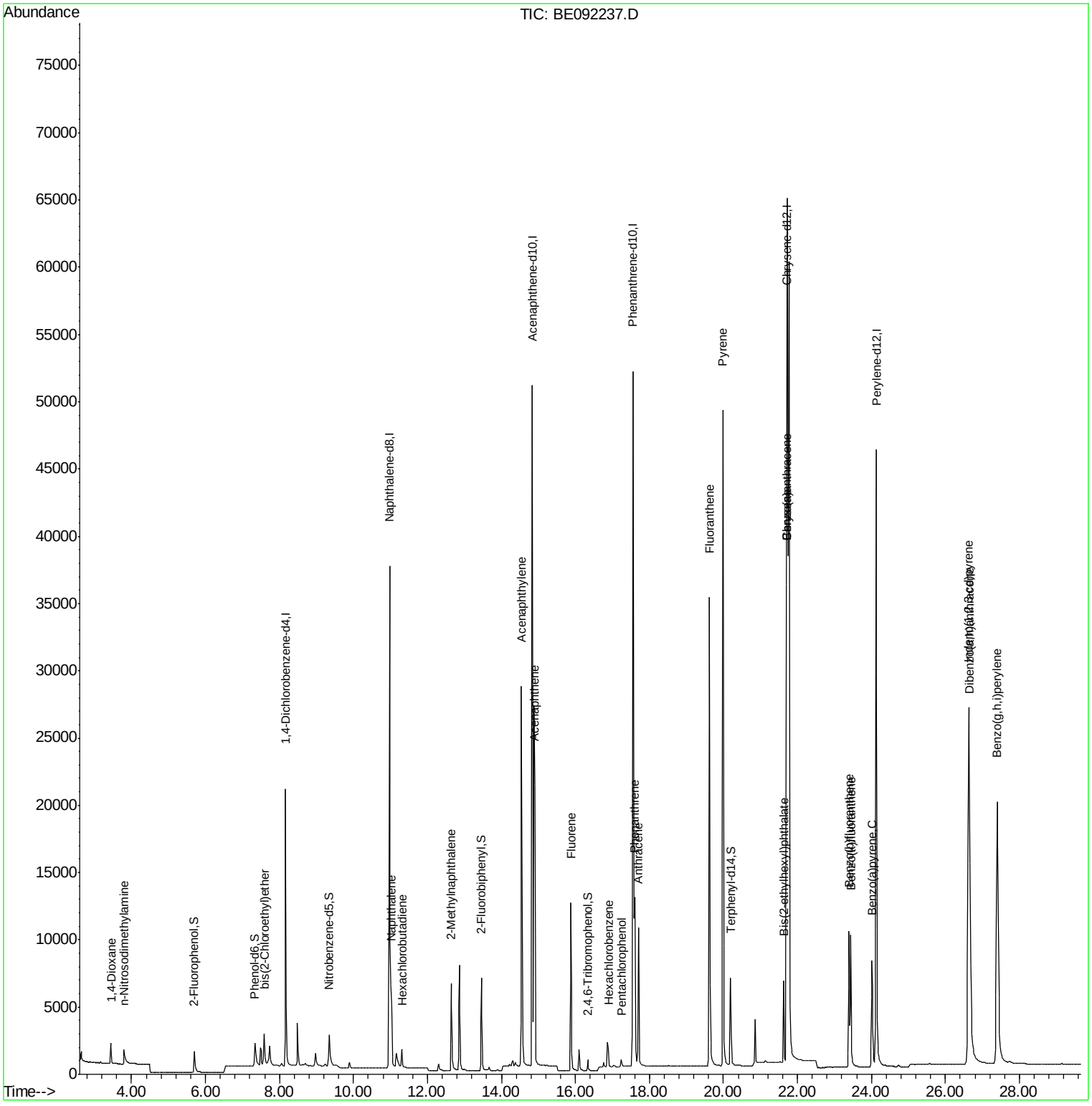
(#) = qualifier out of range (m) = manual integration (+) = signals summed

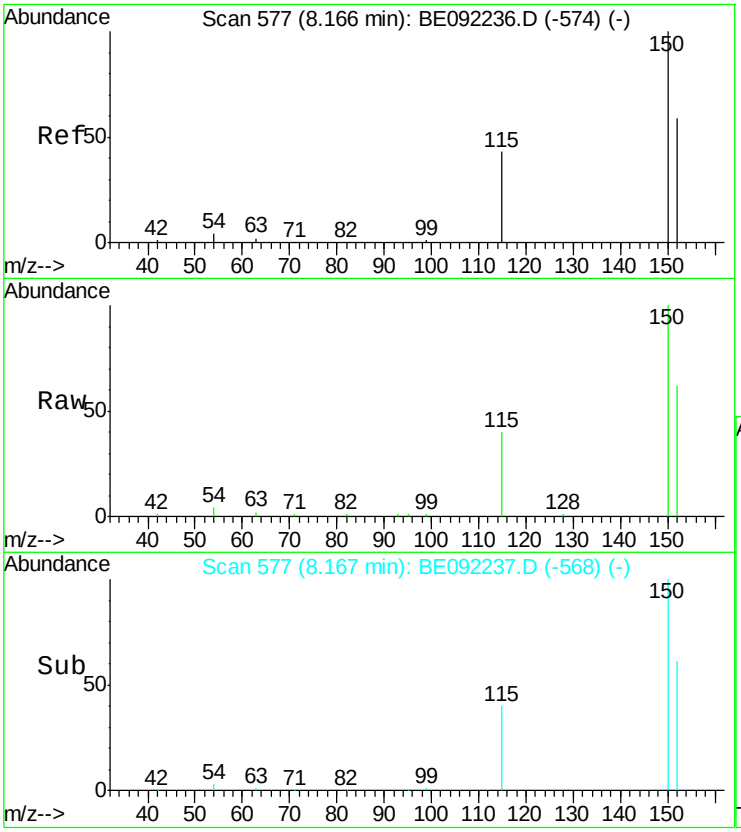
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080916\
Data File : BE092237.D
Acq On : 9 Aug 2016 20:38
Operator : UM/SJ
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Quant Time: Aug 10 04:44:00 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 10 04:43:27 2016
Response via : Initial Calibration



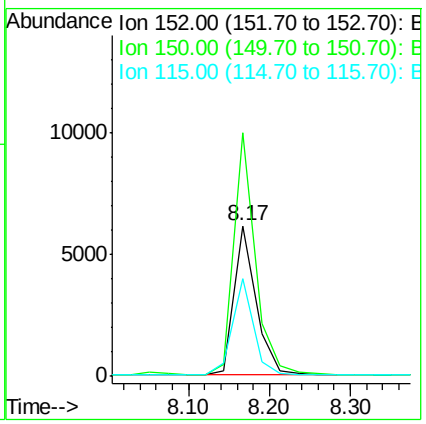


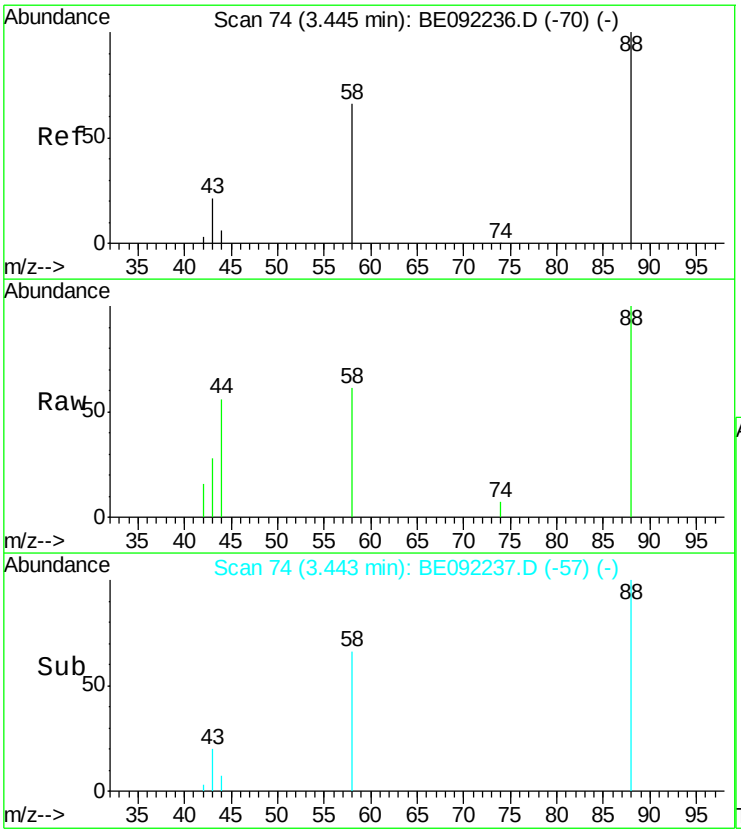
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.17 min Scan# 577
Delta R.T. 0.00 min
Lab File: BE092237.D
Acq: 9 Aug 2016 20:38

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 11454

Ion	Ratio	Lower	Upper
152	100		
150	162.2	135.6	203.4
115	65.5	59.4	89.0

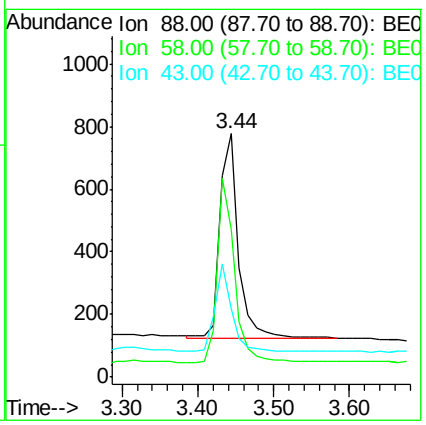


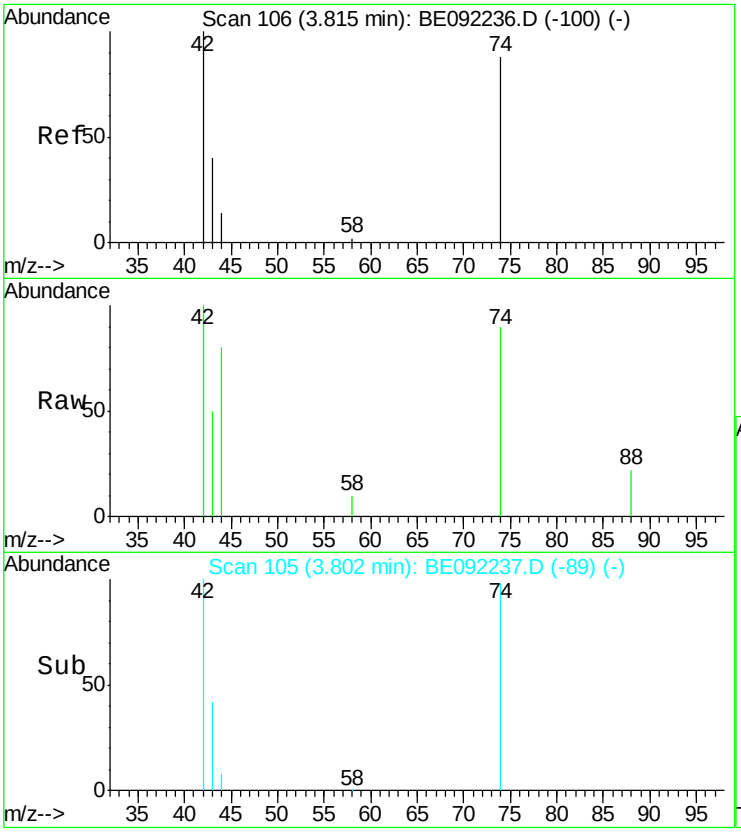


#2
1,4-Dioxane
Concen: 0.76 ng
RT: 3.44 min Scan# 74
Delta R.T. -0.00 min
Lab File: BE092237.D
Acq: 9 Aug 2016 20:38

Tgt Ion: 88 Resp: 1112

Ion	Ratio	Lower	Upper
88	100		
58	84.1	64.4	96.6
43	37.7	33.4	50.2



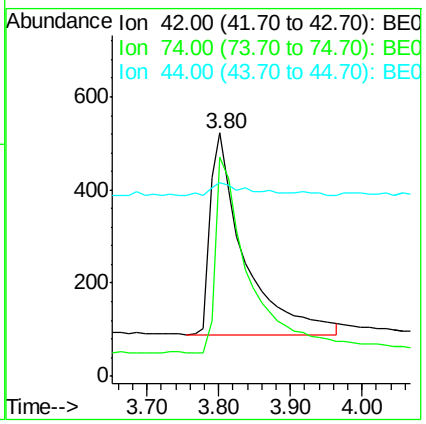


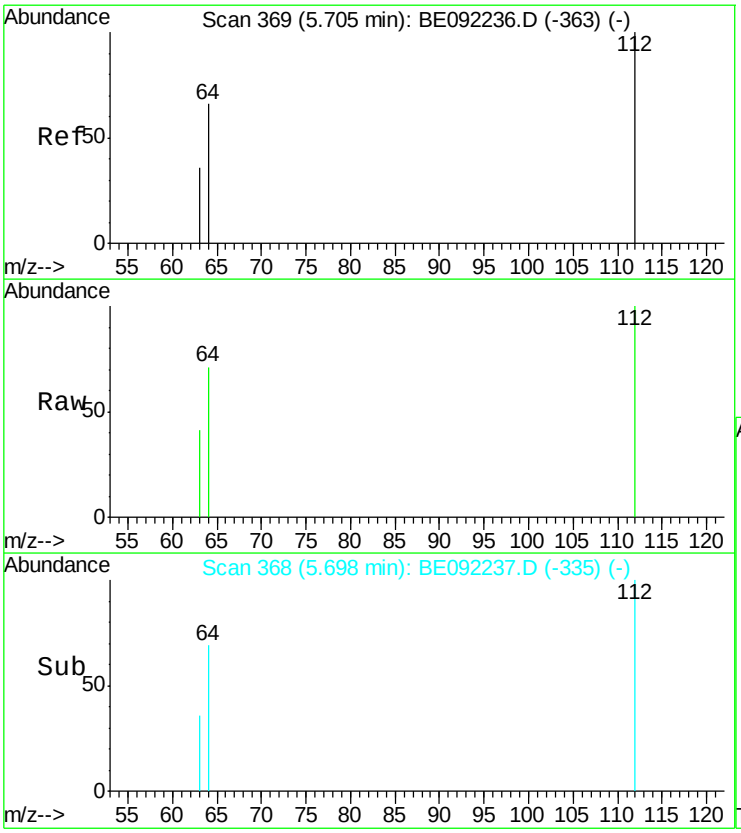
#3
n-Nitrosodimethylamine
Concen: 0.81 ng
RT: 3.80 min Scan# 105
Delta R.T. -0.01 min
Lab File: BE092237.D
Acq: 9 Aug 2016 20:38

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 1435

Ion	Ratio	Lower	Upper
42	100		
74	95.4	77.2	115.8
44	7.7	5.0	7.4#

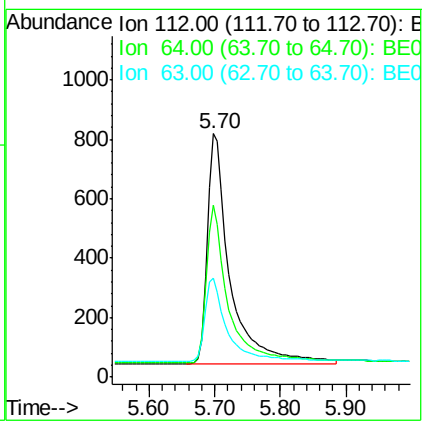


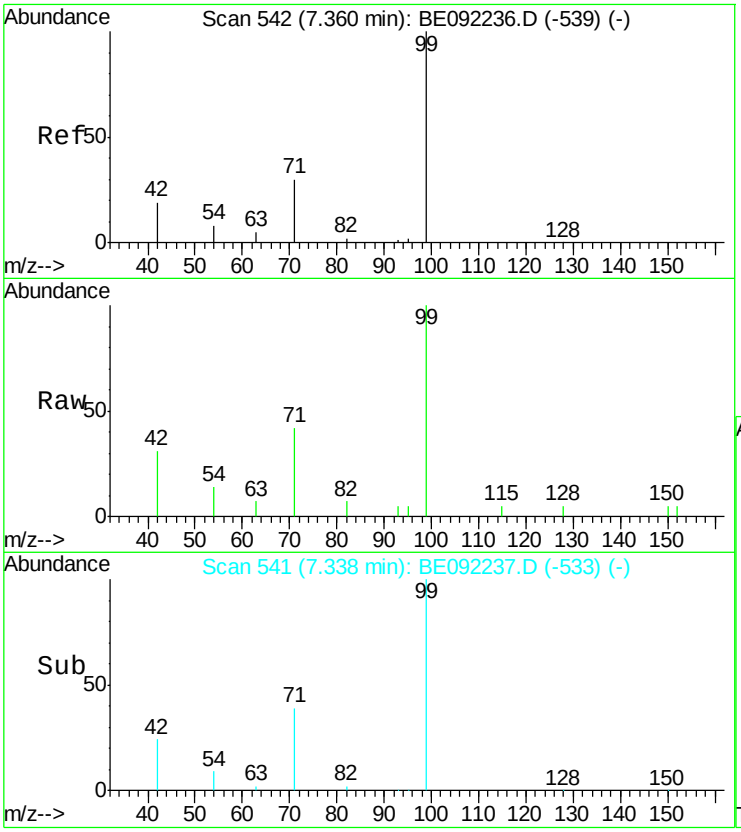


#4
2-Fluorophenol
Concen: 0.74 ng
RT: 5.70 min Scan# 368
Delta R.T. -0.01 min
Lab File: BE092237.D
Acq: 9 Aug 2016 20:38

Tgt Ion:112 Resp: 1851

Ion	Ratio	Lower	Upper
112	100		
64	67.1	53.2	79.8
63	37.1	27.4	41.2



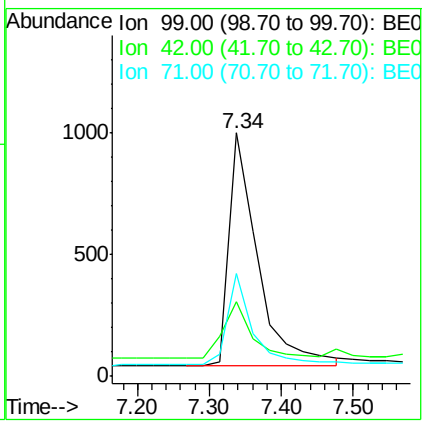


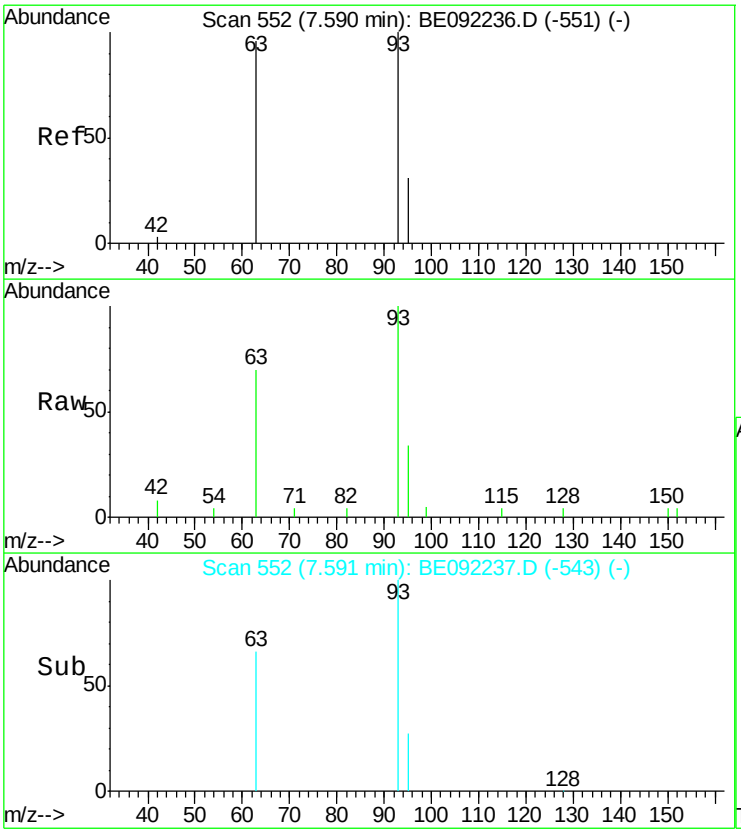
#5
Phenol-d6
Concen: 0.73 ng
RT: 7.34 min Scan# 541
Delta R.T. -0.02 min
Lab File: BE092237.D
Acq: 9 Aug 2016 20:38

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 2622

Ion	Ratio	Lower	Upper
99	100		
42	25.7	0.0	0.0#
71	34.9	29.8	44.8

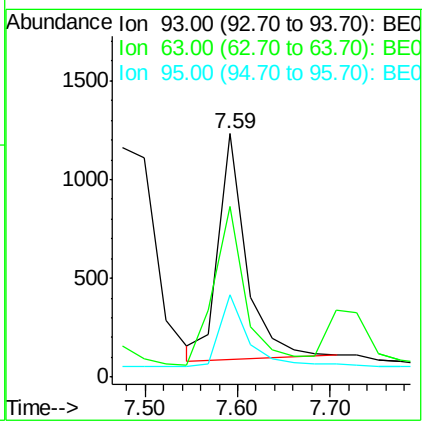


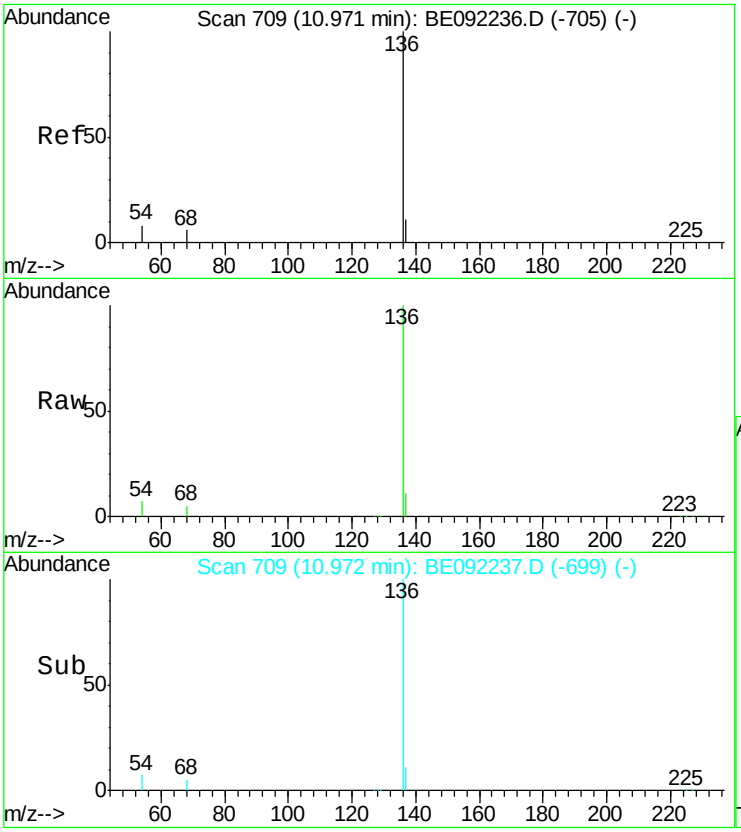


#6
bis(2-Chloroethyl)ether
Concen: 0.83 ng
RT: 7.59 min Scan# 552
Delta R.T. 0.00 min
Lab File: BE092237.D
Acq: 9 Aug 2016 20:38

Tgt Ion: 93 Resp: 2435

Ion	Ratio	Lower	Upper
93	100		
63	78.2	68.5	102.7
95	31.8	27.2	40.8



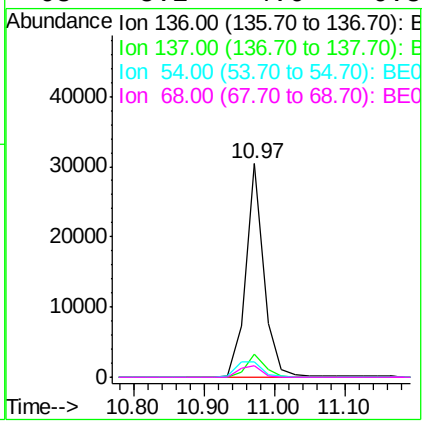


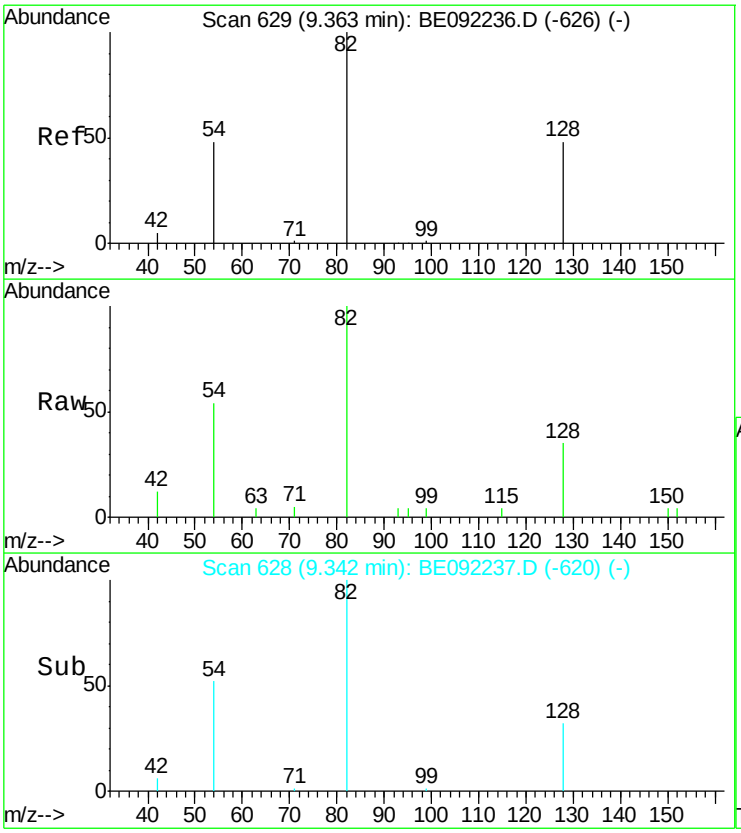
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.97 min Scan# 709
Delta R.T. 0.00 min
Lab File: BE092237.D
Acq: 9 Aug 2016 20:38

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 54621

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.0	6.2	9.4
68	5.2	4.6	6.8

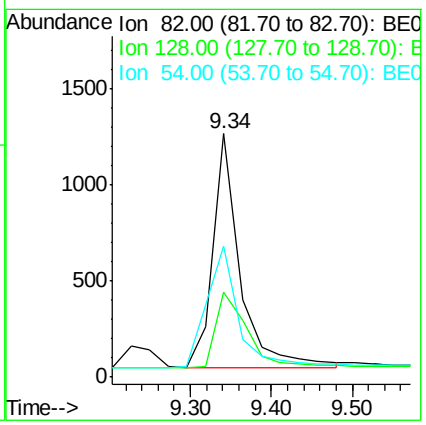


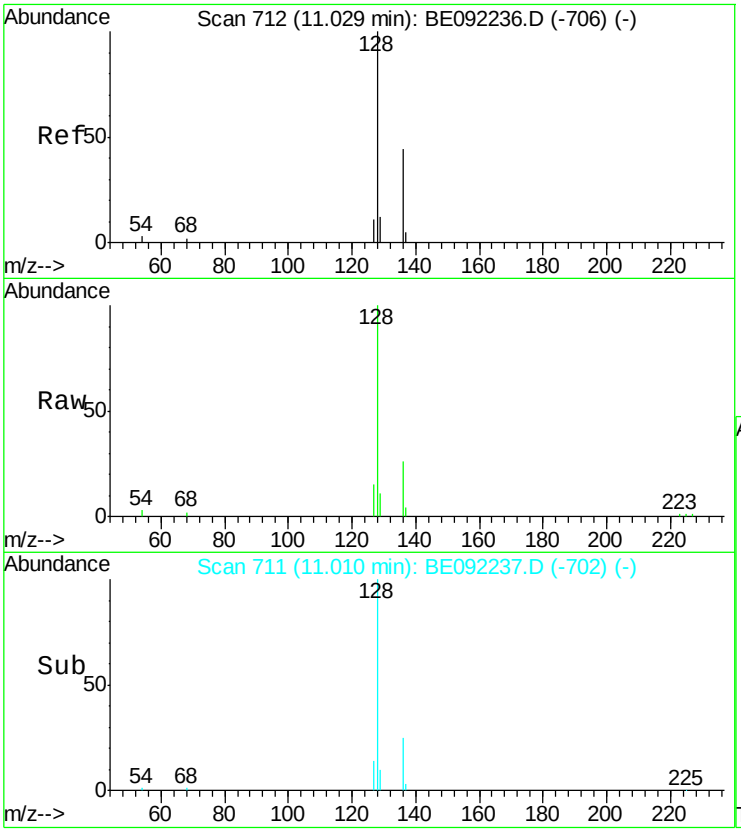


#8
Nitrobenzene-d5
Concen: 0.73 ng
RT: 9.34 min Scan# 628
Delta R.T. -0.02 min
Lab File: BE092237.D
Acq: 9 Aug 2016 20:38

Tgt Ion: 82 Resp: 2826

Ion	Ratio	Lower	Upper
82	100		
128	34.6	45.0	67.4#
54	53.8	45.4	68.2



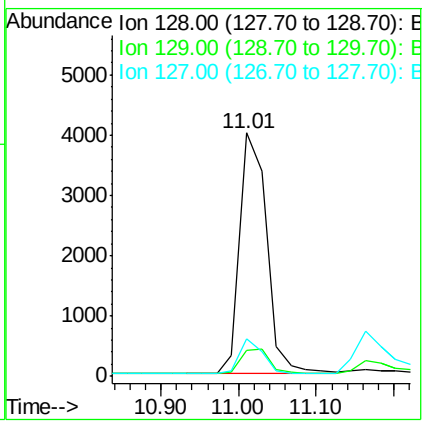


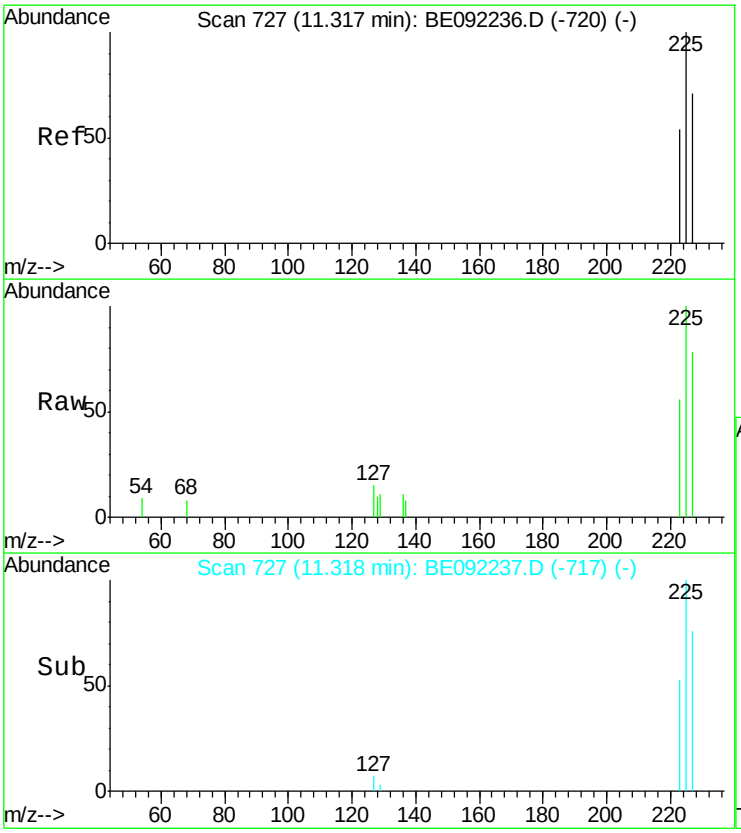
#9
Naphthalene
Concen: 0.79 ng
RT: 11.01 min Scan# 711
Delta R.T. -0.02 min
Lab File: BE092237.D
Acq: 9 Aug 2016 20:38

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 9618

Ion	Ratio	Lower	Upper
128	100		
129	10.9	11.5	17.3#
127	15.4	11.0	16.6

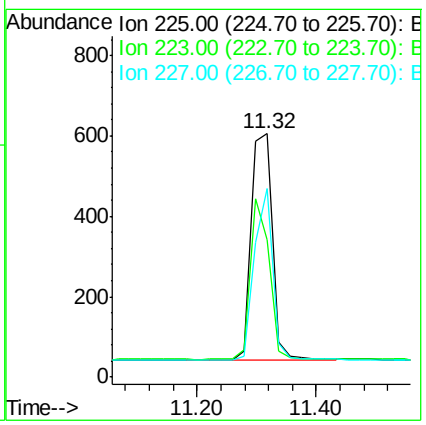


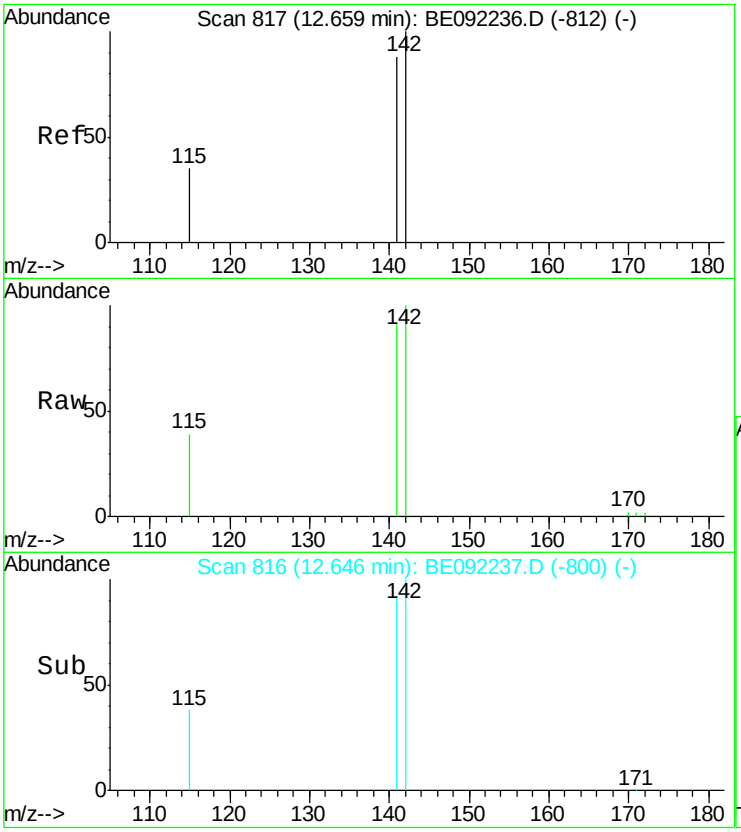


#10
Hexachlorobutadiene
Concen: 0.77 ng
RT: 11.32 min Scan# 727
Delta R.T. 0.00 min
Lab File: BE092237.D
Acq: 9 Aug 2016 20:38

Tgt Ion:225 Resp: 1367

Ion	Ratio	Lower	Upper
225	100		
223	64.1	52.2	78.4
227	66.2	51.0	76.6



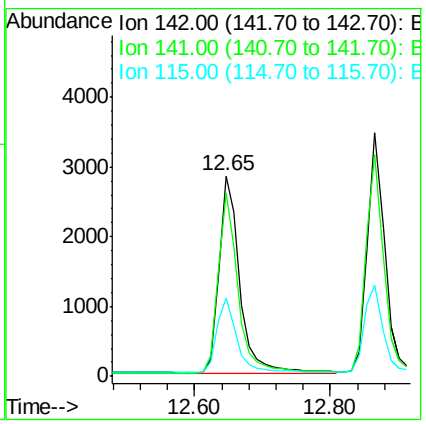


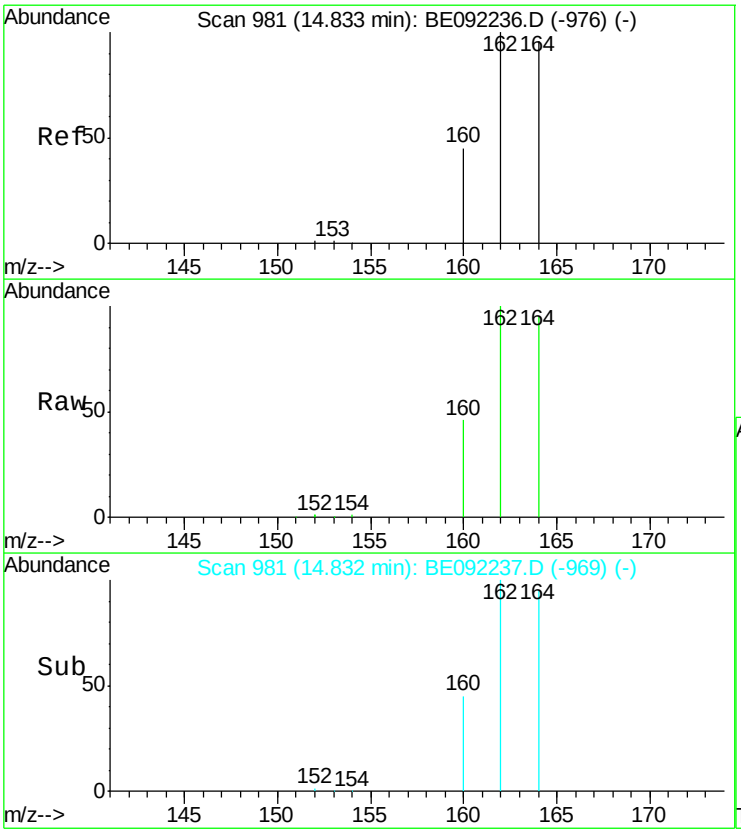
#11
2-Methylnaphthalene
Concen: 0.79 ng
RT: 12.65 min Scan# 816
Delta R.T. -0.01 min
Lab File: BE092237.D
Acq: 9 Aug 2016 20:38

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:142 Resp: 6078

Ion	Ratio	Lower	Upper
142	100		
141	91.4	70.6	105.8
115	39.3	31.0	46.4

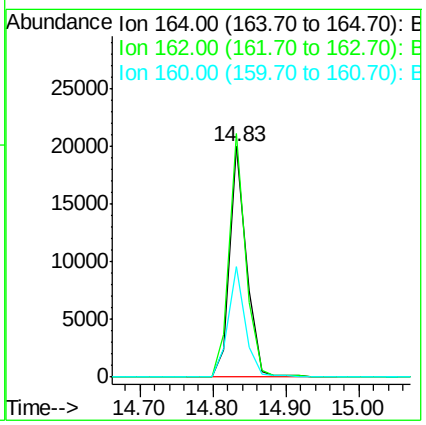


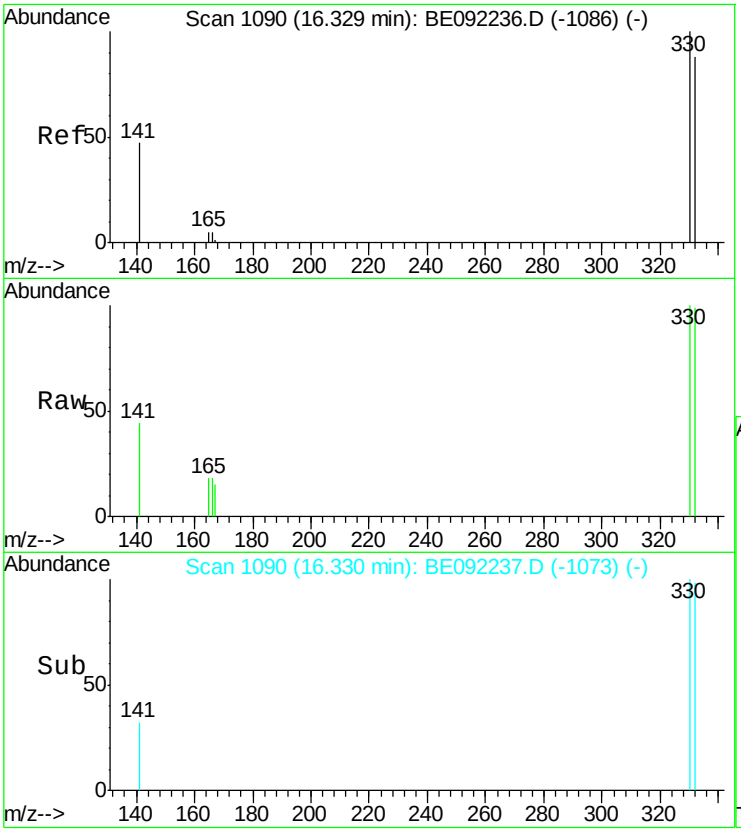


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.83 min Scan# 981
Delta R.T. -0.00 min
Lab File: BE092237.D
Acq: 9 Aug 2016 20:38

Tgt Ion:164 Resp: 31078

Ion	Ratio	Lower	Upper
164	100		
162	105.7	83.3	124.9
160	48.2	38.0	57.0



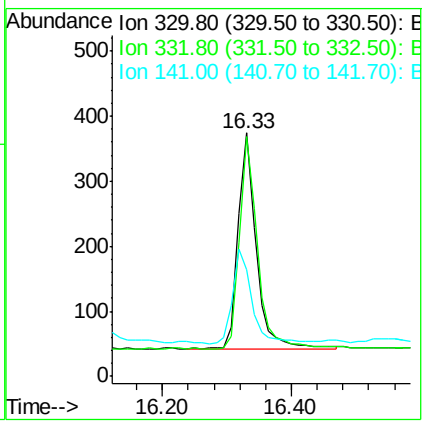


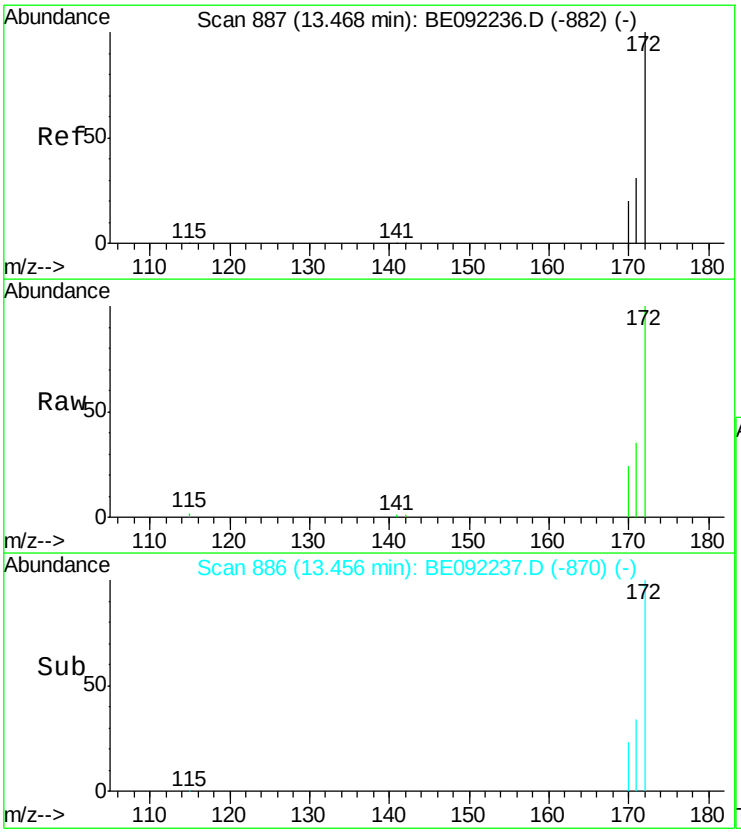
#13
2,4,6-Tribromophenol
Concen: 0.68 ng
RT: 16.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BE092237.D
Acq: 9 Aug 2016 20:38

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:330 Resp: 635

Ion	Ratio	Lower	Upper
330	100		
332	98.3	75.4	113.0
141	45.8	37.7	56.5

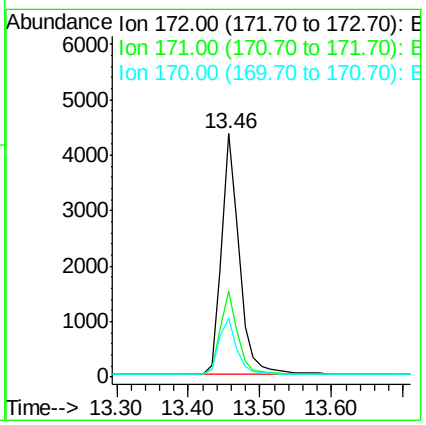


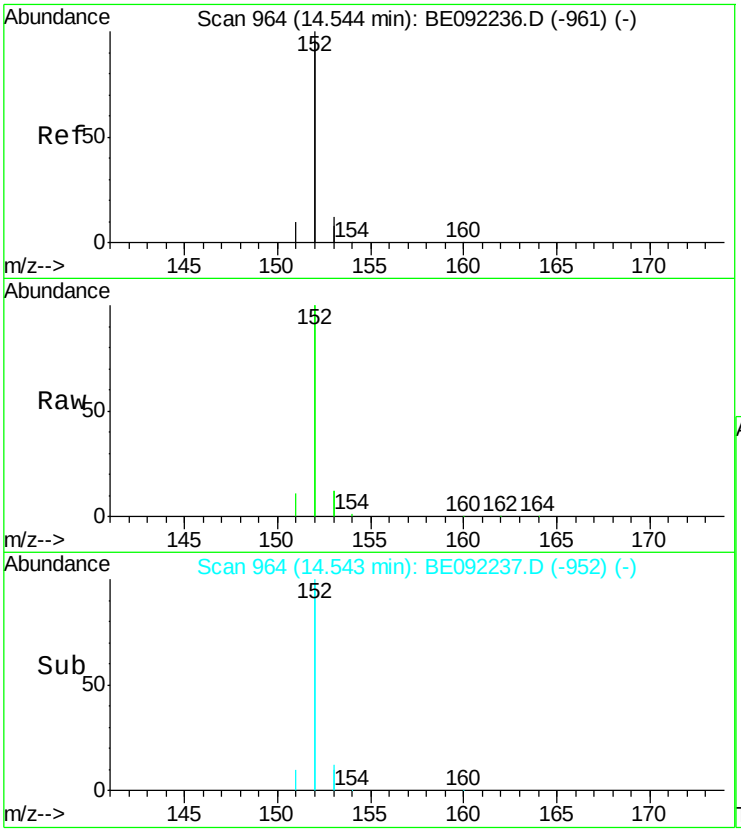


#14
2-Fluorobiphenyl
Concen: 0.79 ng
RT: 13.46 min Scan# 886
Delta R.T. -0.01 min
Lab File: BE092237.D
Acq: 9 Aug 2016 20:38

Tgt Ion:172 Resp: 7548

Ion	Ratio	Lower	Upper
172	100		
171	35.2	26.8	40.2
170	24.1	17.8	26.6



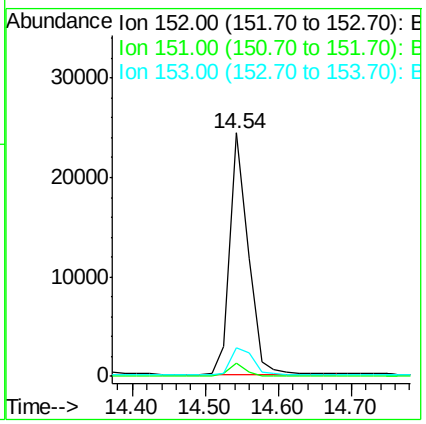


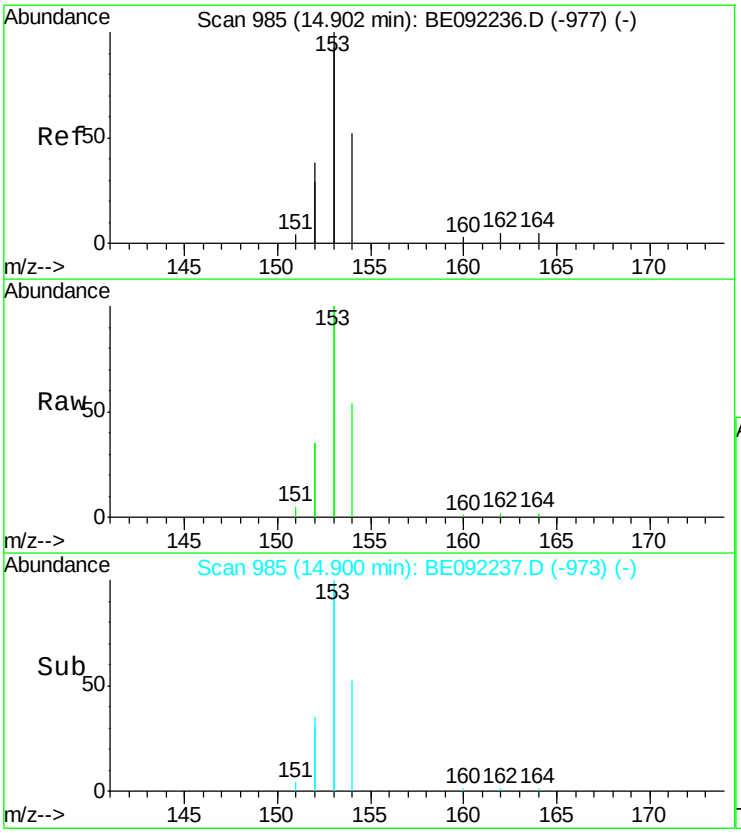
#15
Acenaphthylene
Concen: 0.78 ng
RT: 14.54 min Scan# 964
Delta R.T. -0.00 min
Lab File: BE092237.D
Acq: 9 Aug 2016 20:38

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 42055

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.8	5.8
153	13.1	10.2	15.2

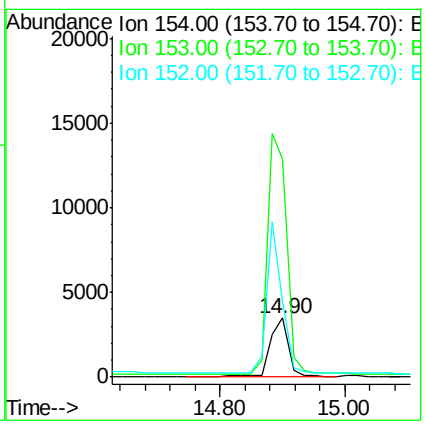


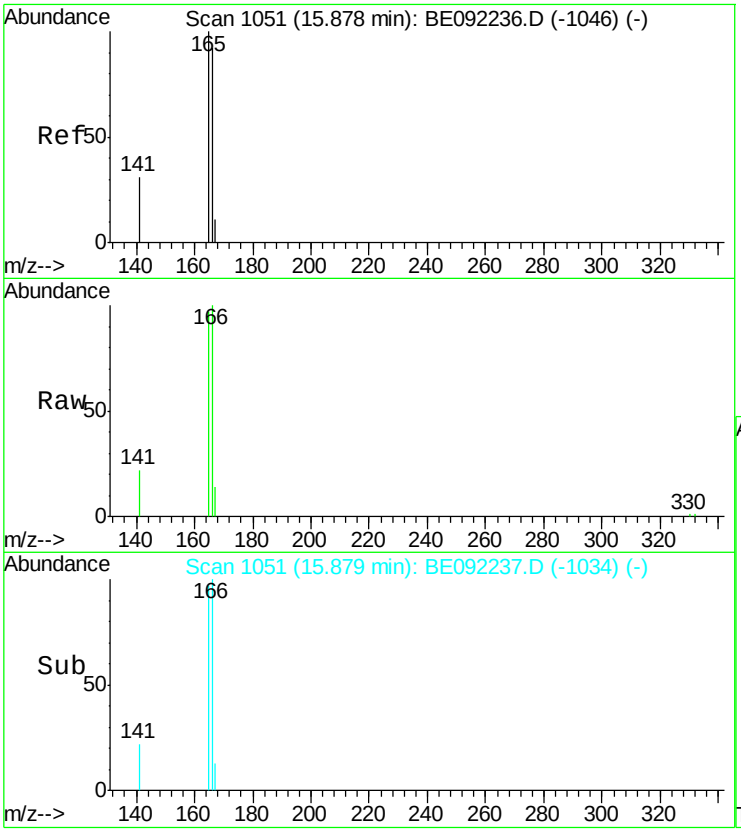


#16
Acenaphthene
Concen: 0.77 ng
RT: 14.90 min Scan# 985
Delta R.T. -0.00 min
Lab File: BE092237.D
Acq: 9 Aug 2016 20:38

Tgt Ion:154 Resp: 6636

Ion	Ratio	Lower	Upper
154	100		
153	449.1	355.0	532.4
152	227.4	179.7	269.5



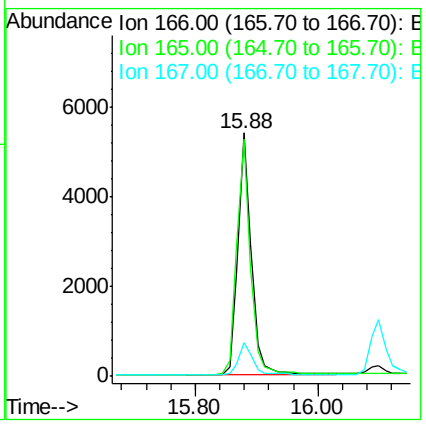


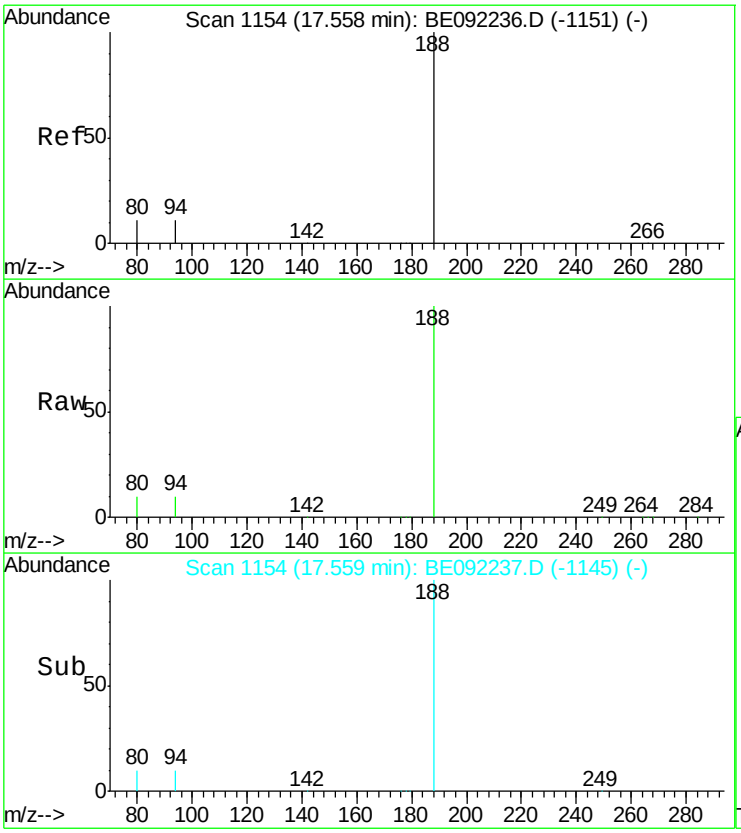
#17
Fluorene
Concen: 0.79 ng
RT: 15.88 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BE092237.D
Acq: 9 Aug 2016 20:38

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:166 Resp: 8221

Ion	Ratio	Lower	Upper
166	100		
165	98.6	80.1	120.1
167	13.5	10.6	16.0

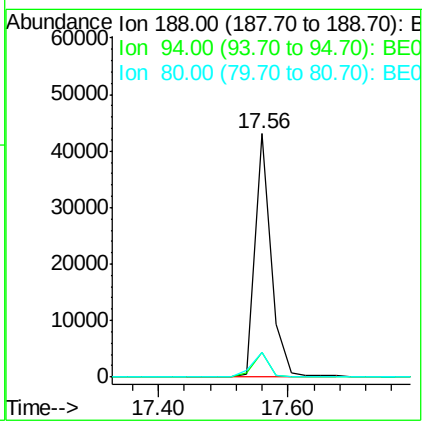


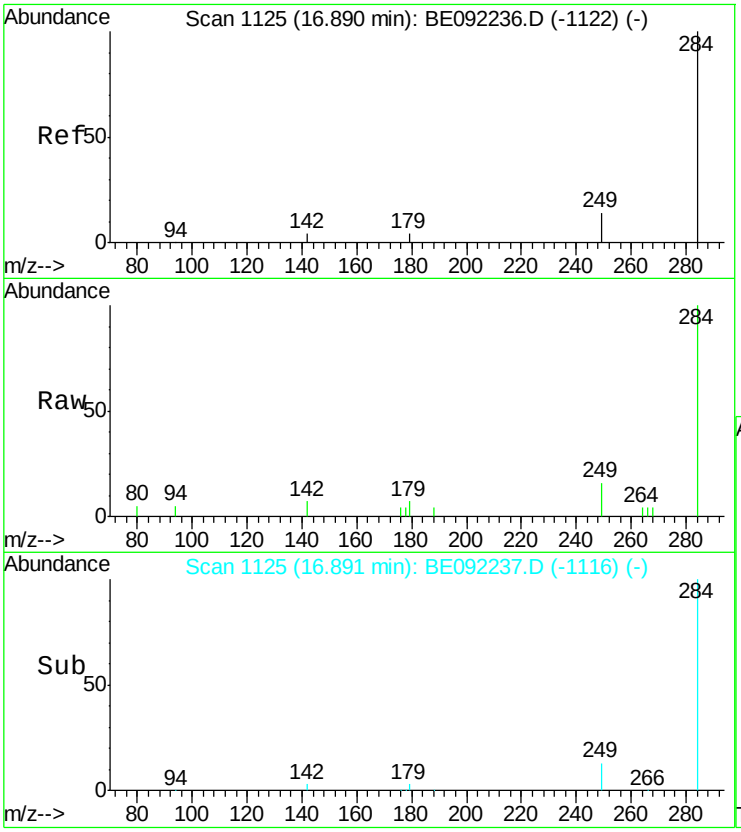


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE092237.D
Acq: 9 Aug 2016 20:38

Tgt Ion:188 Resp: 74791

Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.2	13.8
80	9.9	9.1	13.7



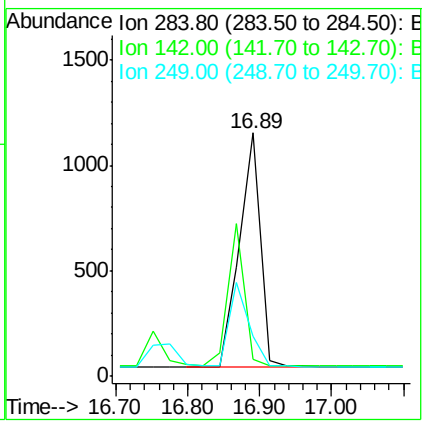


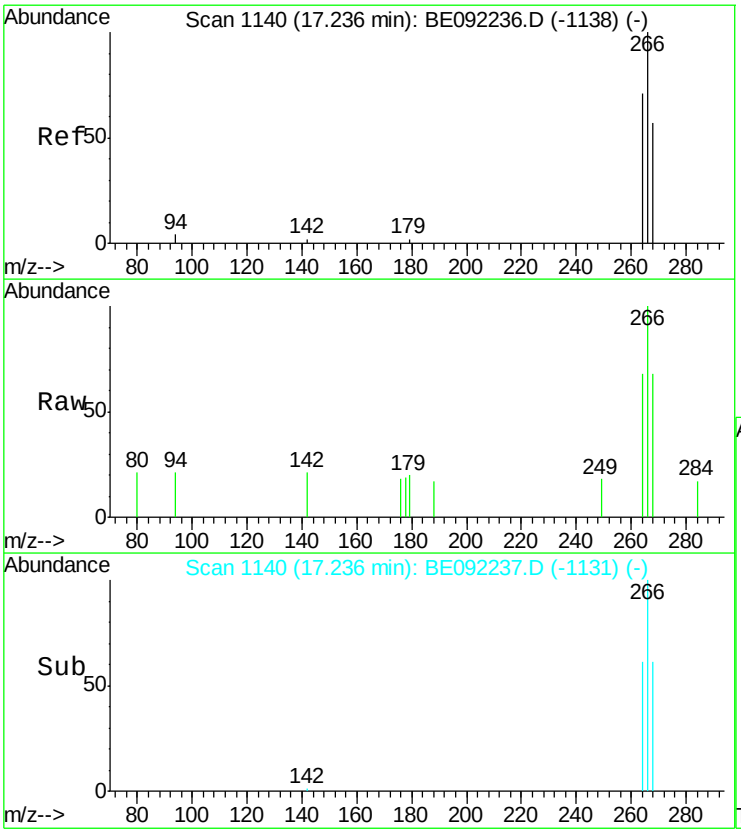
#19
Hexachlorobenzene
Concen: 0.76 ng
RT: 16.89 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BE092237.D
Acq: 9 Aug 2016 20:38

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:284 Resp: 2258

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	0.0	0.0	0.0

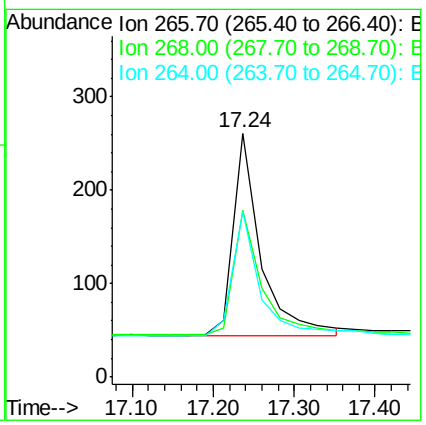


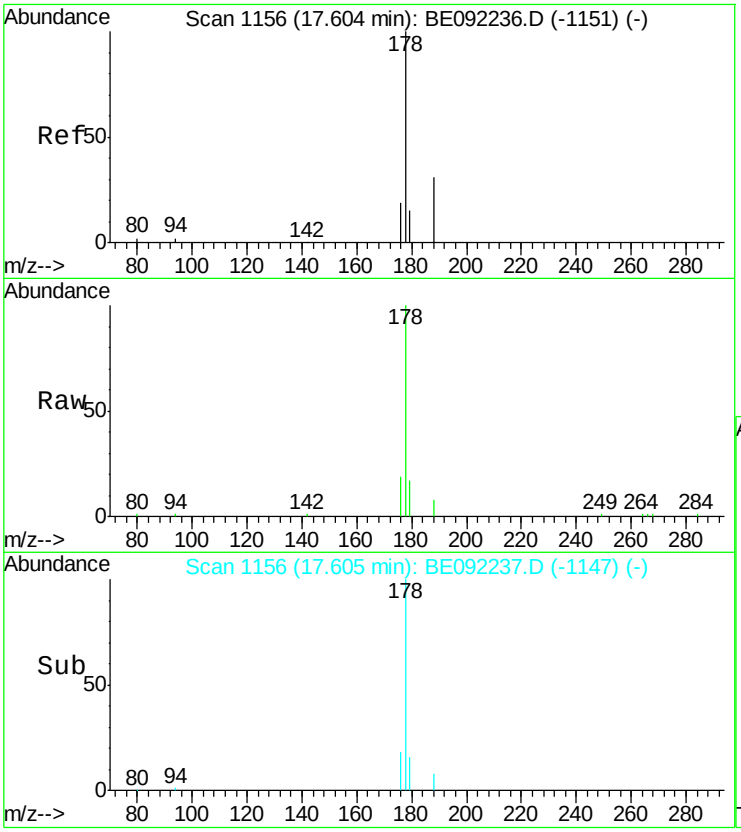


#20
Pentachlorophenol
Concen: 0.65 ng
RT: 17.24 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BE092237.D
Acq: 9 Aug 2016 20:38

Tgt Ion:266 Resp: 511

Ion	Ratio	Lower	Upper
266	100		
268	68.2	62.3	93.5
264	67.8	67.4	101.0



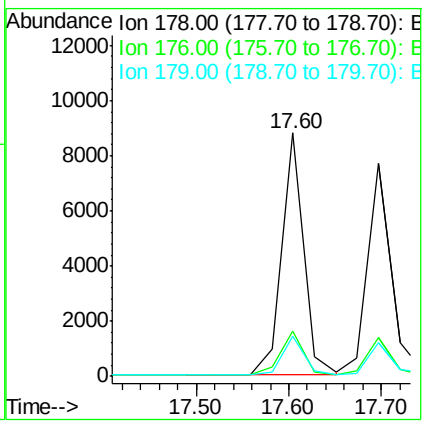


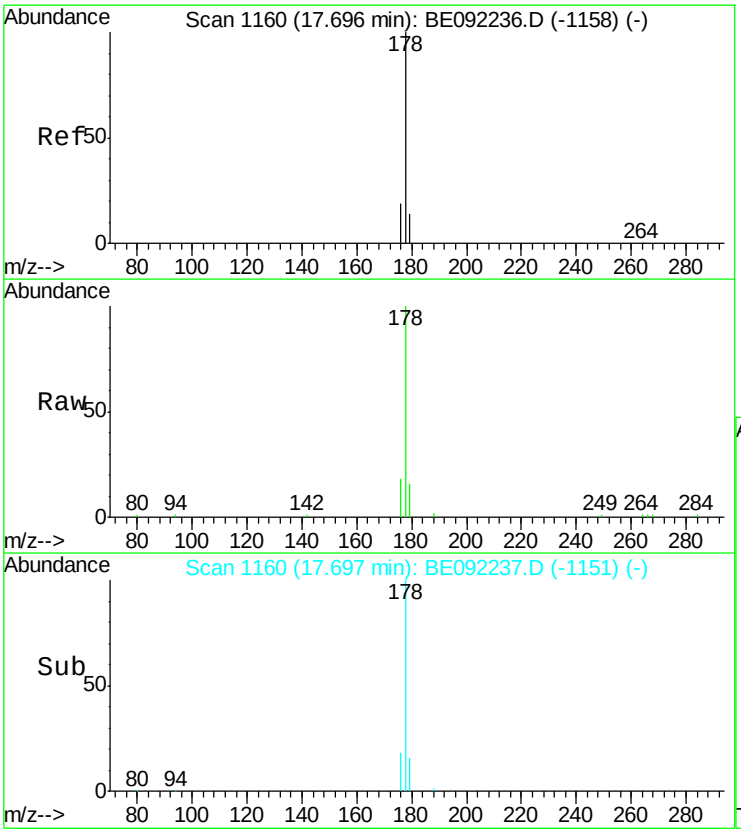
#21
Phenanthrene
Concen: 0.75 ng
RT: 17.60 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BE092237.D
Acq: 9 Aug 2016 20:38

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 14471

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.1	22.7
179	16.3	12.9	19.3

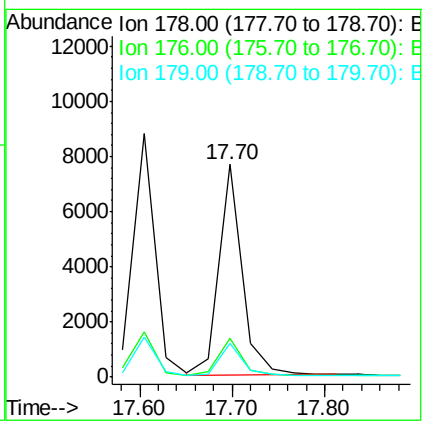


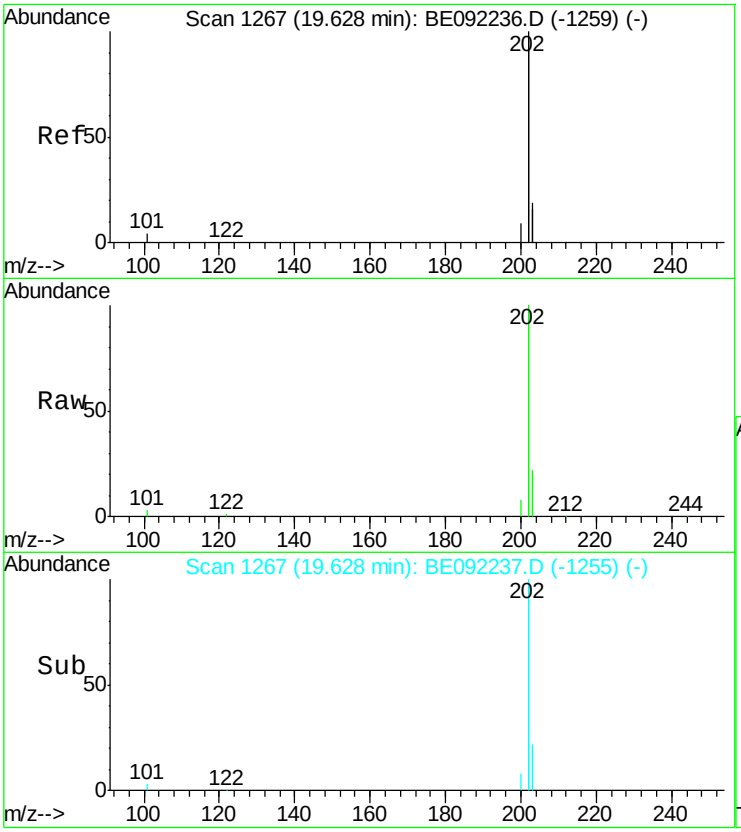


#22
Anthracene
Concen: 0.76 ng
RT: 17.70 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BE092237.D
Acq: 9 Aug 2016 20:38

Tgt Ion:178 Resp: 13361

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.4
179	15.4	12.0	18.0



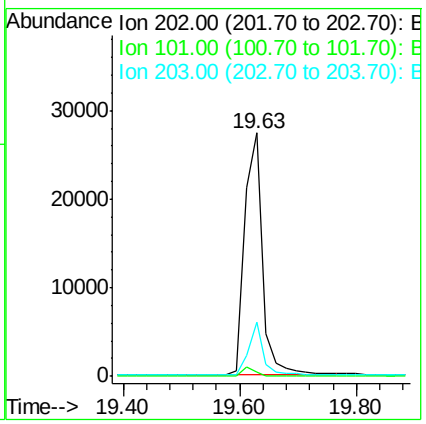


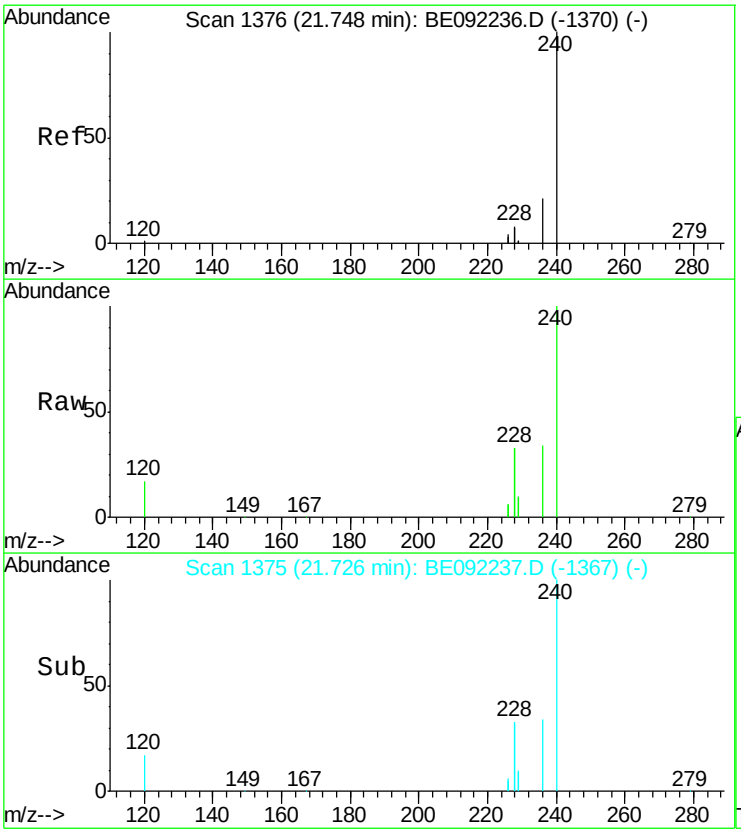
#23
Fluoranthene
Concen: 0.75 ng
RT: 19.63 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BE092237.D
Acq: 9 Aug 2016 20:38

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:202 Resp: 57977

Ion	Ratio	Lower	Upper
202	100		
101	2.9	2.2	3.4
203	17.7	13.7	20.5

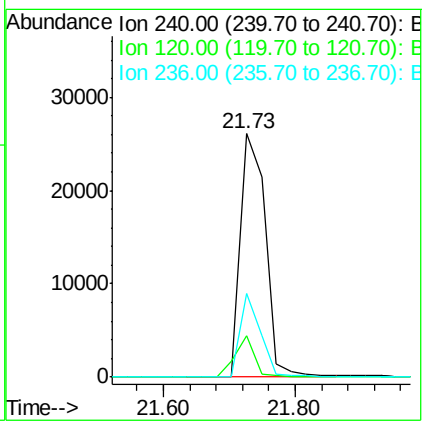


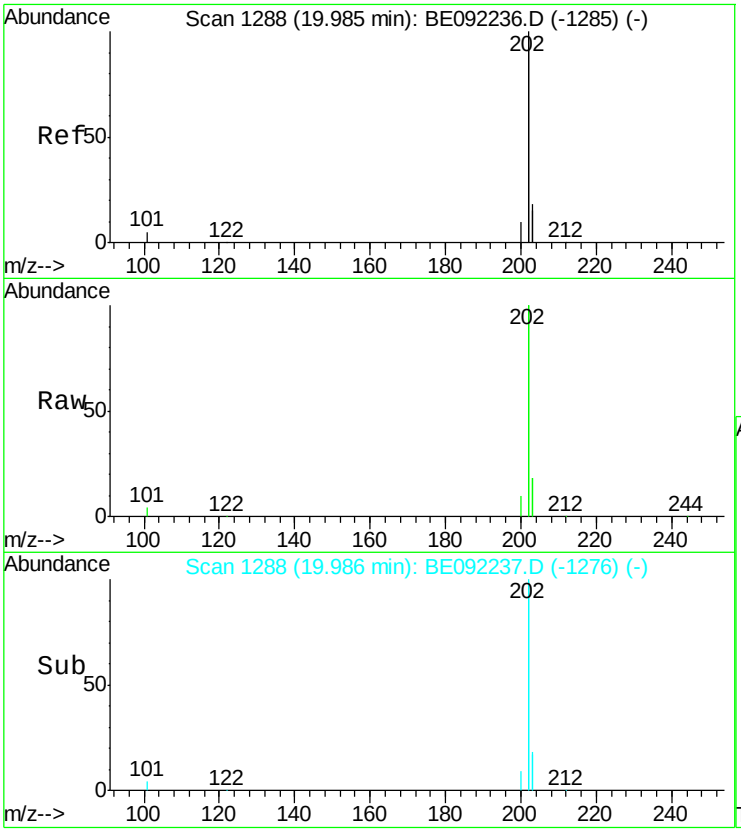


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.73 min Scan# 1375
Delta R.T. -0.02 min
Lab File: BE092237.D
Acq: 9 Aug 2016 20:38

Tgt Ion:240 Resp: 67845

Ion	Ratio	Lower	Upper
240	100		
120	17.0	1.2	1.8#
236	34.2	17.1	25.7#



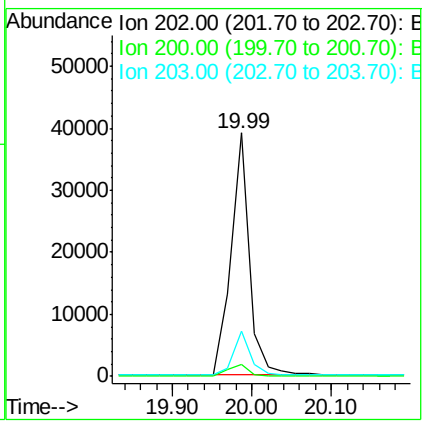


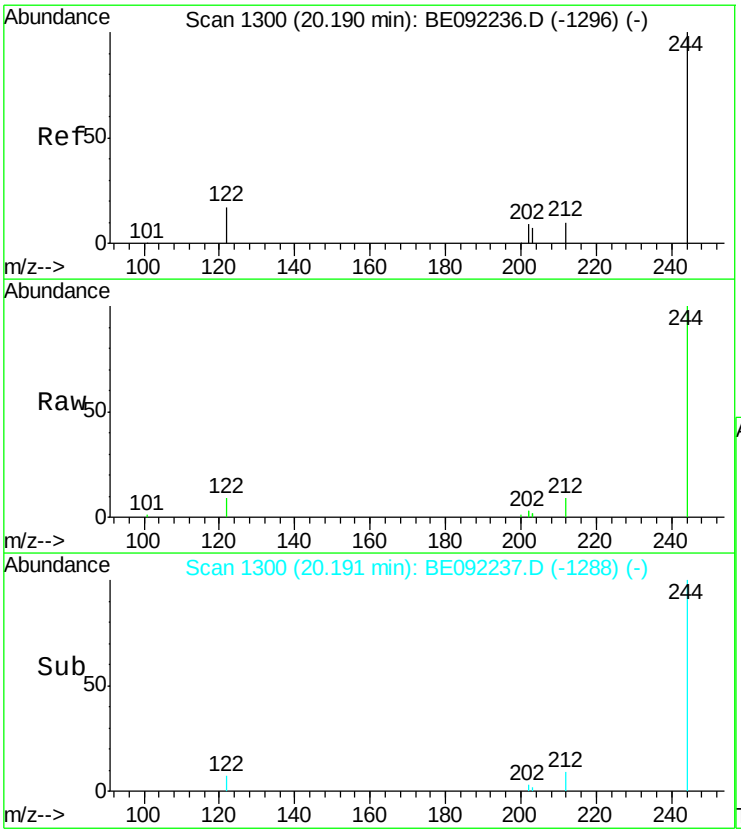
#25
Pyrene
Concen: 0.79 ng
RT: 19.99 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BE092237.D
Acq: 9 Aug 2016 20:38

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:202 Resp: 63047

Ion	Ratio	Lower	Upper
202	100		
200	5.3	4.2	6.4
203	17.2	14.0	21.0

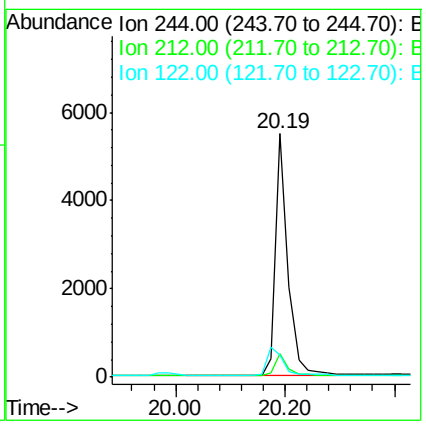


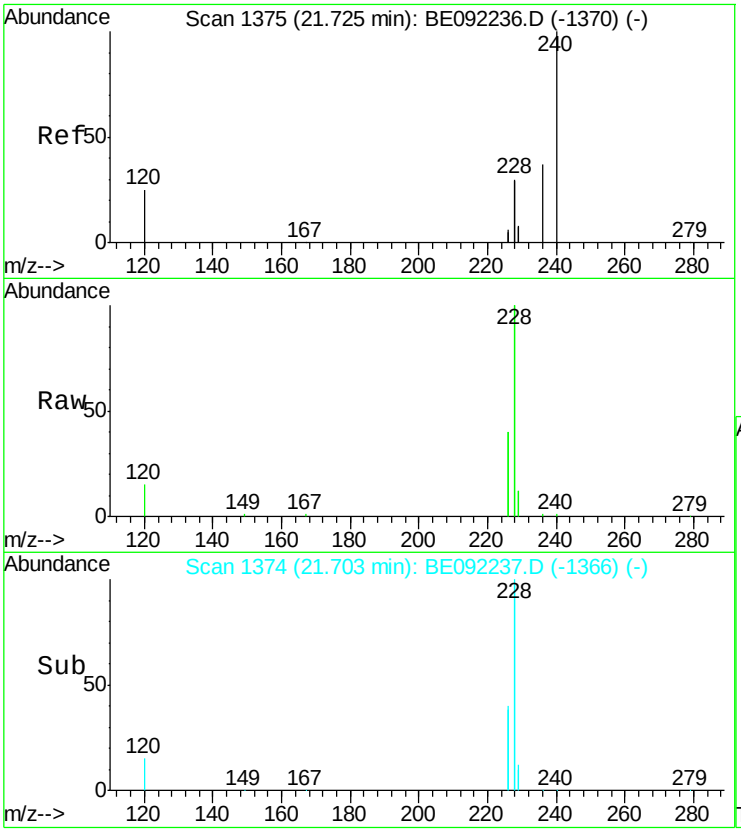


#26
Terphenyl-d14
Concen: 0.76 ng
RT: 20.19 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BE092237.D
Acq: 9 Aug 2016 20:38

Tgt Ion:244 Resp: 8664

Ion	Ratio	Lower	Upper
244	100		
212	9.4	10.2	15.2#
122	9.0	15.9	23.9#



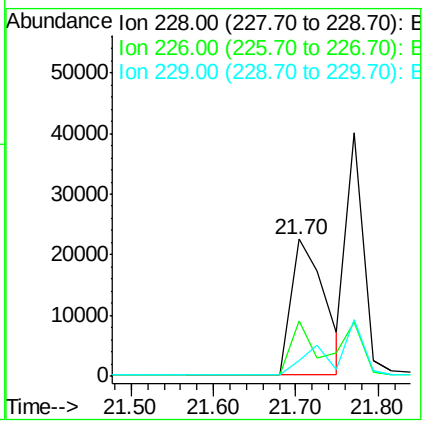


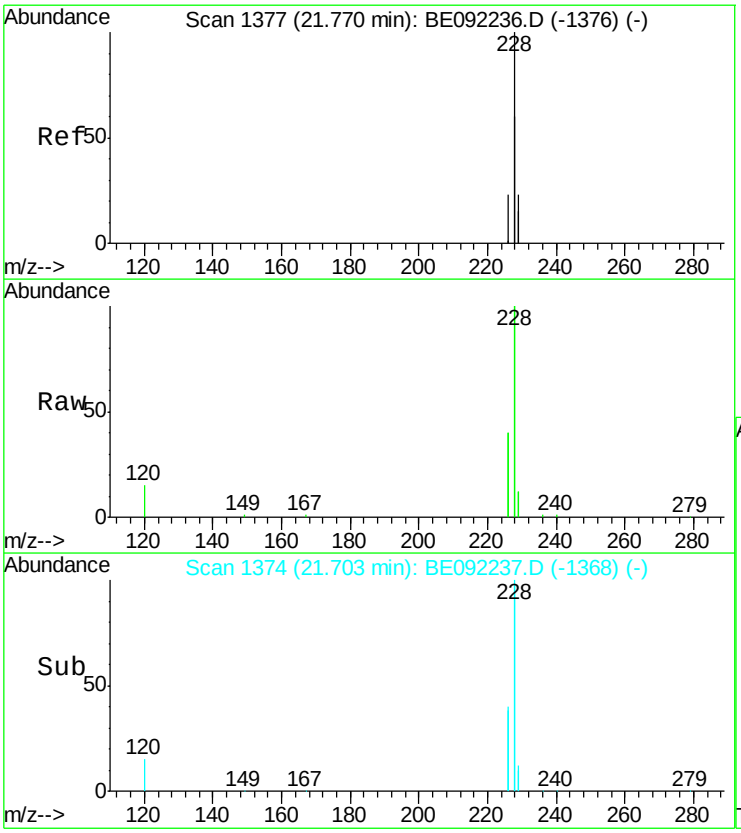
#27
Benzo(a)anthracene
Concen: 0.78 ng
RT: 21.70 min Scan# 1374
Delta R.T. -0.02 min
Lab File: BE092237.D
Acq: 9 Aug 2016 20:38

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 63214

Ion	Ratio	Lower	Upper
228	100		
226	40.1	15.9	23.9#
229	11.9	22.4	33.6#

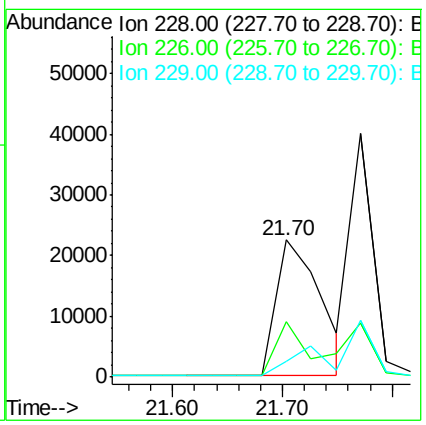


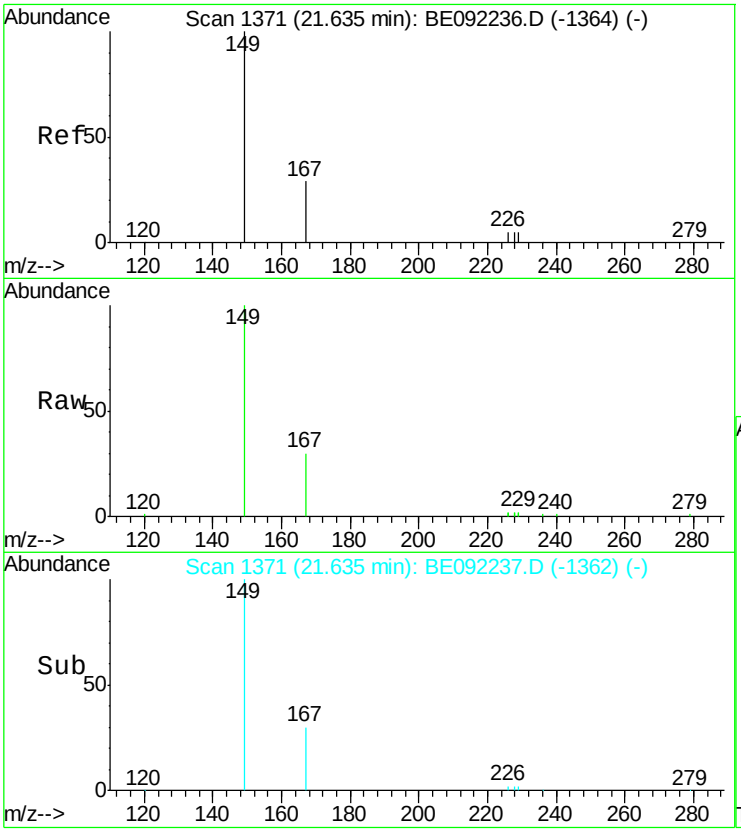


#28
Chrysene
Concen: 0.84 ng
RT: 21.70 min Scan# 1374
Delta R.T. -0.07 min
Lab File: BE092237.D
Acq: 9 Aug 2016 20:38

Tgt Ion:228 Resp: 63211

Ion	Ratio	Lower	Upper
228	100		
226	40.1	18.3	27.5#
229	11.9	18.6	27.8#



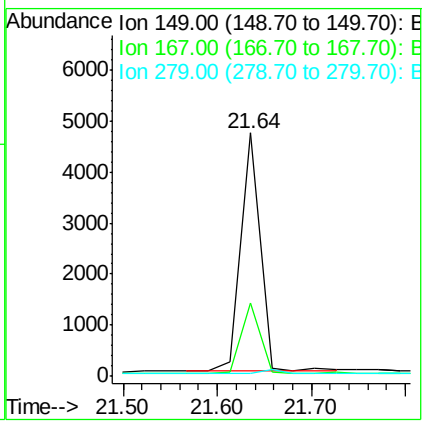


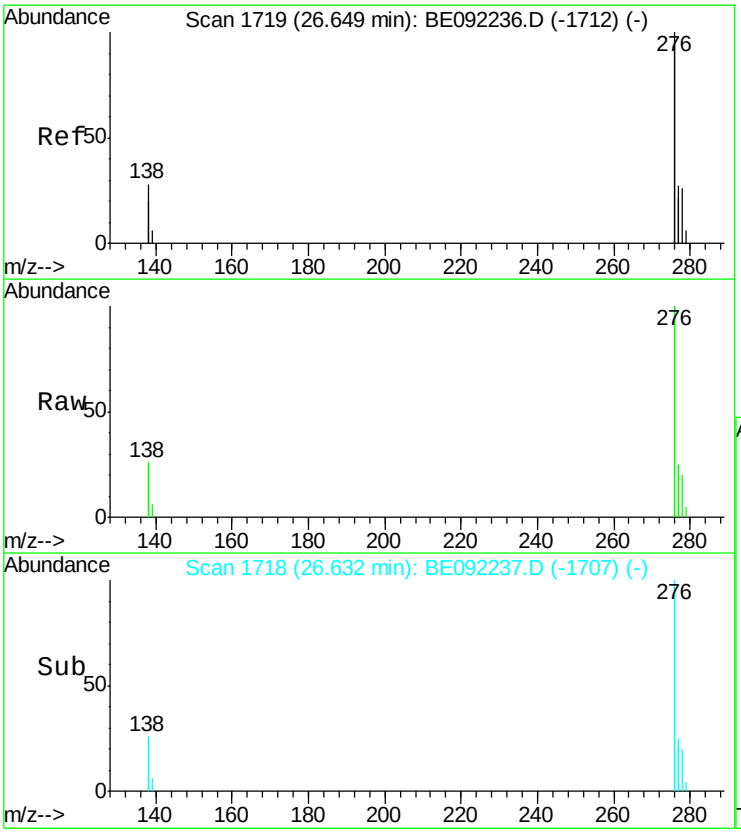
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.65 ng
RT: 21.64 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE092237.D
Acq: 9 Aug 2016 20:38

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:149 Resp: 6802

Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.1	33.1
279	0.0	0.0	0.0

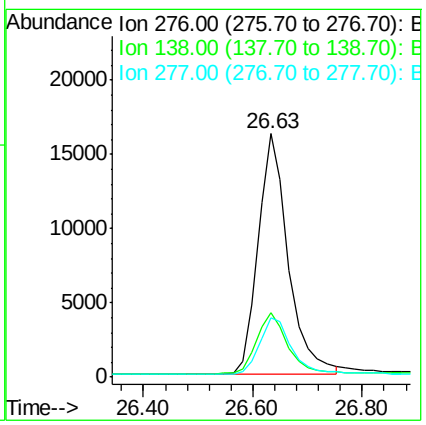


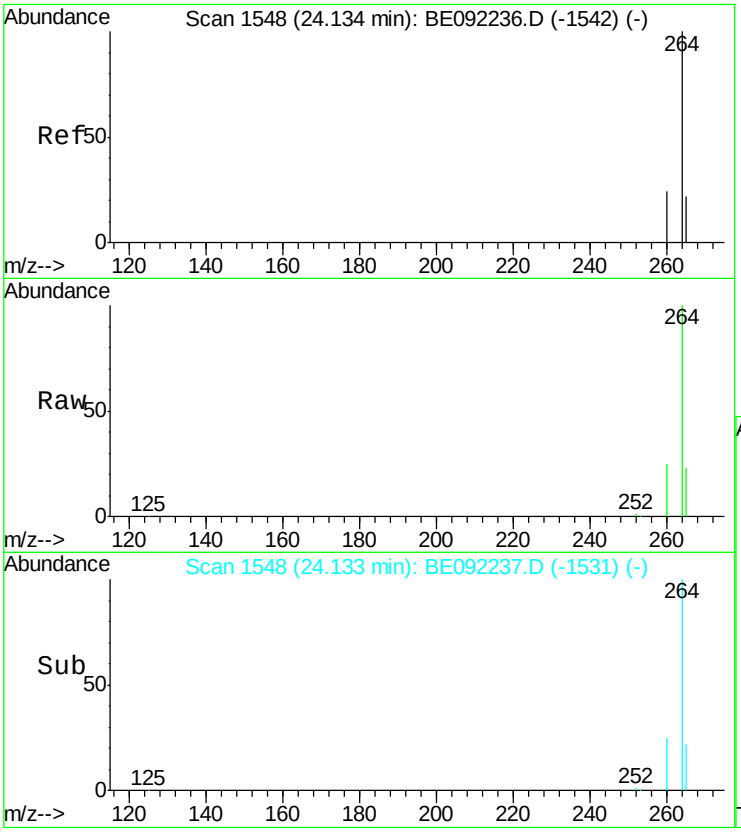


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.77 ng
RT: 26.63 min Scan# 1718
Delta R.T. -0.02 min
Lab File: BE092237.D
Acq: 9 Aug 2016 20:38

Tgt Ion:276 Resp: 62075

Ion	Ratio	Lower	Upper
276	100		
138	26.6	21.3	31.9
277	24.7	19.7	29.5



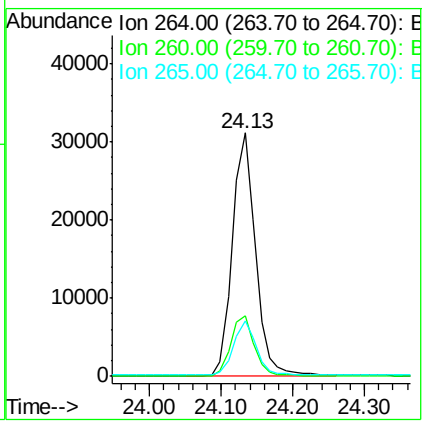


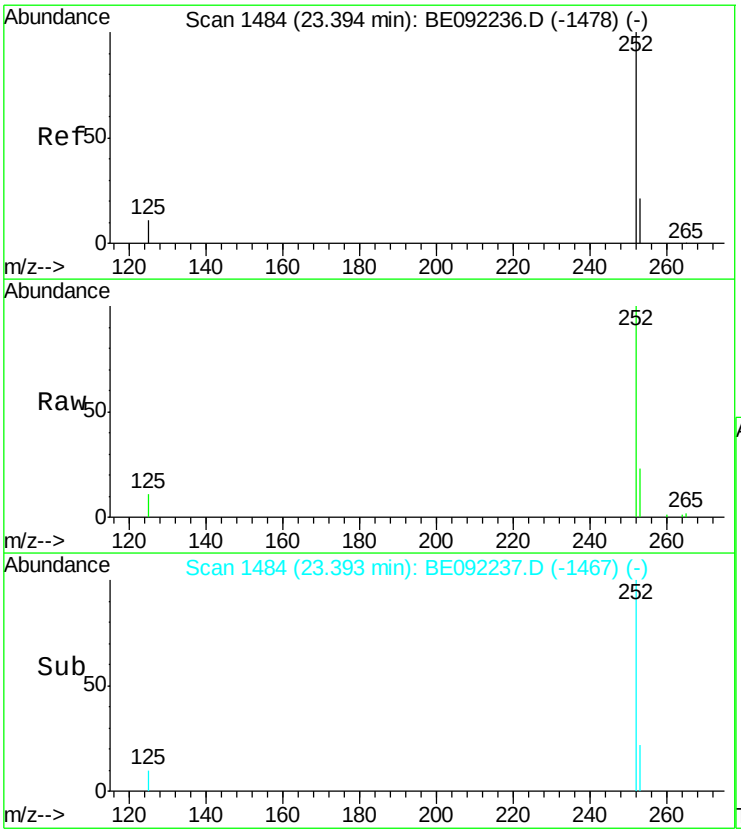
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.13 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BE092237.D
Acq: 9 Aug 2016 20:38

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:264 Resp: 70060

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	22.6	18.2	27.4

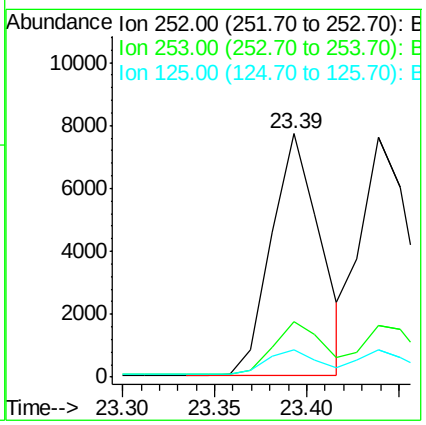


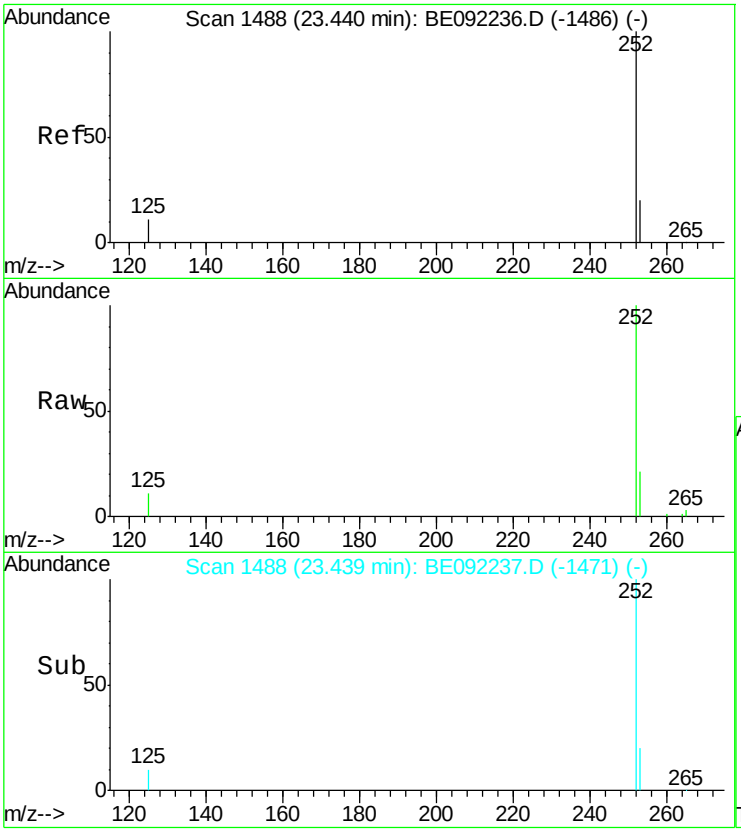


#32
Benzo(b)fluoranthene
Concen: 0.77 ng
RT: 23.39 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BE092237.D
Acq: 9 Aug 2016 20:38

Tgt Ion:252 Resp: 14212

Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.0	28.4
125	11.1	10.3	15.5



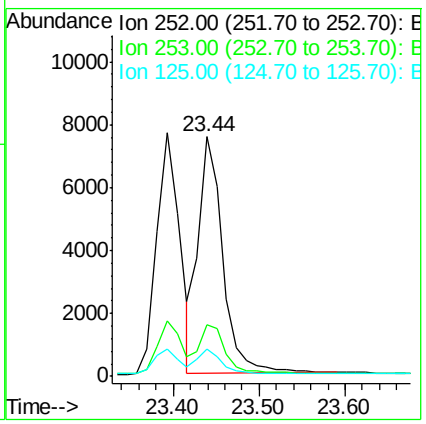


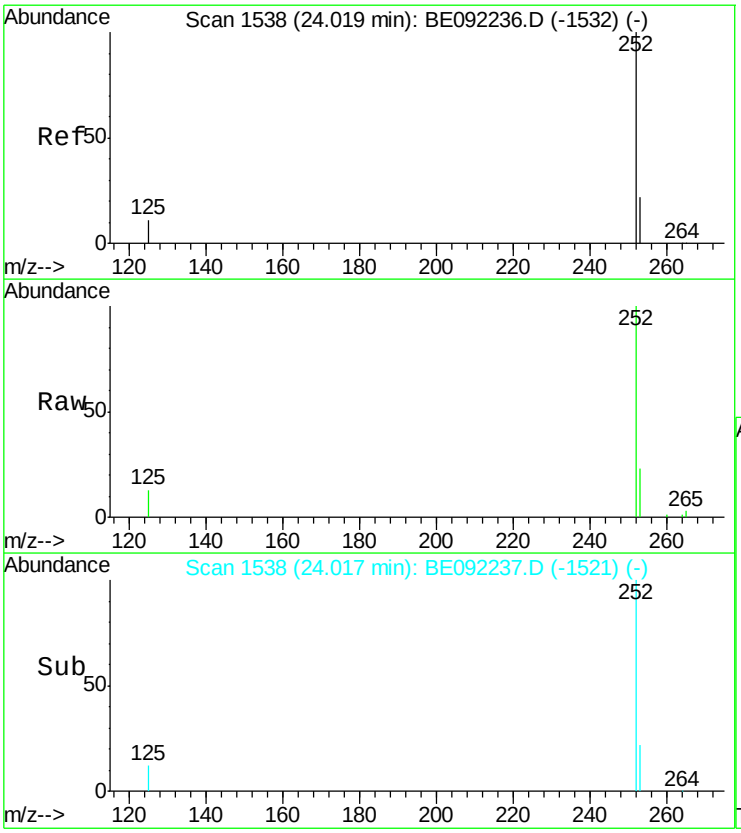
#33
Benzo(k)fluoranthene
Concen: 0.78 ng
RT: 23.44 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BE092237.D
Acq: 9 Aug 2016 20:38

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 14879

Ion	Ratio	Lower	Upper
252	100		
253	21.4	19.0	28.6
125	11.3	10.6	15.8

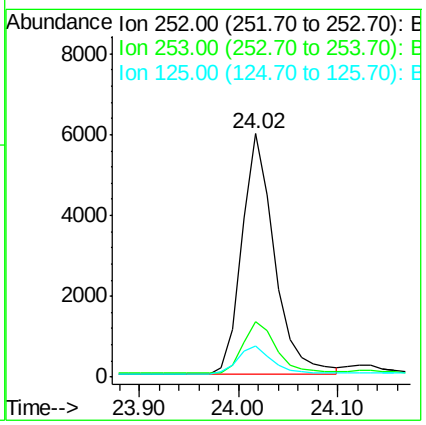


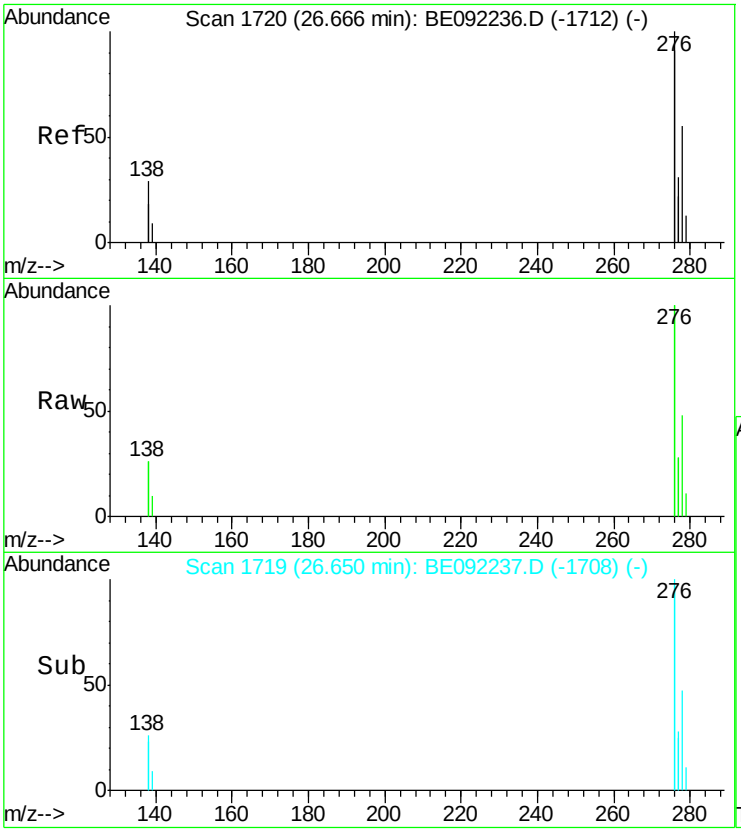


#34
Benzo(a)pyrene
Concen: 0.78 ng
RT: 24.02 min Scan# 1538
Delta R.T. -0.00 min
Lab File: BE092237.D
Acq: 9 Aug 2016 20:38

Tgt Ion:252 Resp: 13451

Ion	Ratio	Lower	Upper
252	100		
253	22.9	20.3	30.5
125	13.0	11.8	17.6



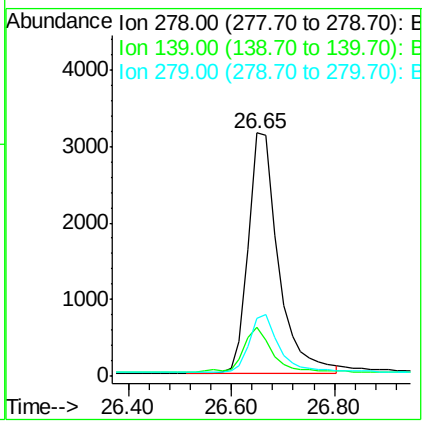


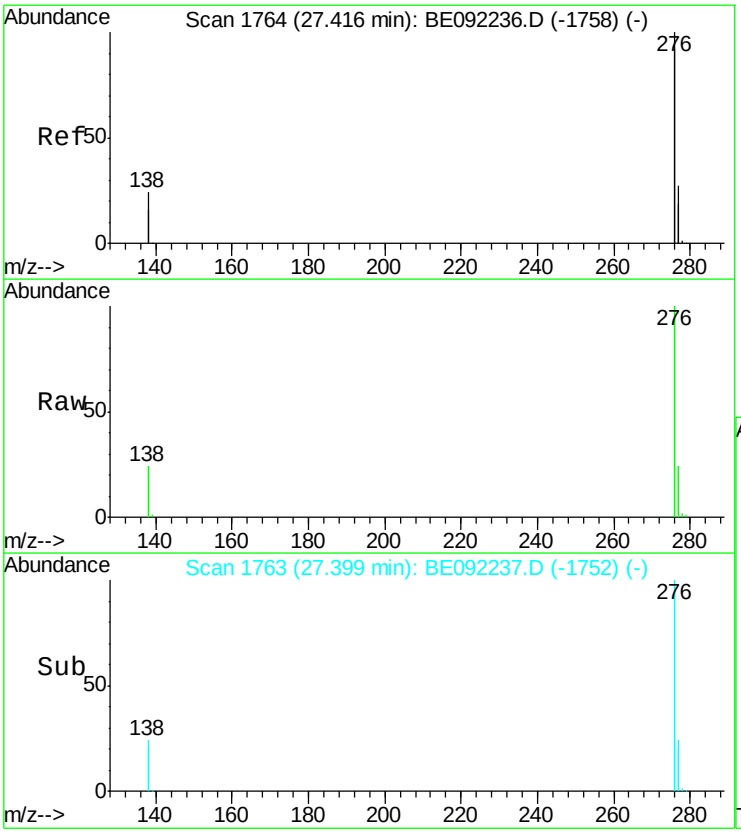
#35
Dibenzo(a,h)anthracene
Concen: 0.78 ng
RT: 26.65 min Scan# 1719
Delta R.T. -0.02 min
Lab File: BE092237.D
Acq: 9 Aug 2016 20:38

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:278 Resp: 12547

Ion	Ratio	Lower	Upper
278	100		
139	19.9	16.2	24.2
279	24.0	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 0.77 ng
RT: 27.40 min Scan# 1763
Delta R.T. -0.02 min
Lab File: BE092237.D
Acq: 9 Aug 2016 20:38

Tgt Ion:276 Resp: 53720

Ion	Ratio	Lower	Upper
276	100		
277	23.8	21.4	32.2
138	24.1	19.4	29.2